

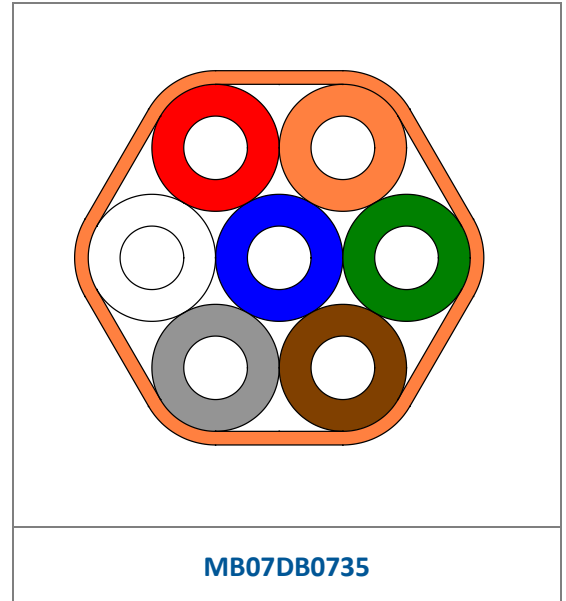
APPLICATION

The MicroBlo range of Direct-Burial Protected MicroDucts offer up to 19 individual ducts in a single construction. The range has been designed to facilitate the installation of MicroBlo air-blown fiber cables into direct-burial installations.

Leviton MicroDucts are available in a variety of constructions including direct-install, direct-burial, flat-burial and indoor to suit a wide range of installation environments.

FEATURES AND BENEFITS

- Up to 19 individual ducts colored for identification - options for high-density and/or futureproofed installations
- Range of duct sizes for compatibility with MicroBlo cables
- Thick-wall low-friction polyethylene duct for optimized blowing performance and superior installation distances
- High-density polyethylene outer sheath
- Included in the Leviton Limited 25-Year System Warranties when used in conjunction with Leviton connectivity. System warranties available for qualified projects installed by certified contractors



STANDARDS

Applicable Cable Standards: IEC 60794-5-10

Test Standards: IEC 60794-1-21 and IEC 60794-1-22

CONSTRUCTION IDENTIFICATION

Construction Identifier**	DB
Construction Description	Direct Burial - over sheathed individual ducts suitable for direct burial
MicroDuct Material	Polyethylene
Sheath Material	HDPE - Polyethylene
Flammability Rating	N/A – External Only
Smoke Emission	N/A – External Only
Acid Gas Emission	N/A – External Only
Color	Orange

MicroBlo™ Direct-Burial Protected Microducts

Datasheet: GD102480v5



PHYSICAL CHARACTERISTICS

MicroDuct Type	No of MicroDucts	Nom Outer Duct Diameter (mm)	Nom Inner Duct Diameter (mm)	Nom Overall Diameter (mm)	Nom Weight (kg/km)
Direct-Burial DB	1	7.0	3.5	7.0	28
	2			15.5	83
	4			18.4	145
	7			22.5	230
	12			29.5	372
	19			36.5	620
	1	12.0	8.0	12.0	59
	2			25.5	160
	4			30.0	305
	7			37.5	495
	1	14.0	10.0	14.0	72
	2			29.5	191
	4			35.0	370
	7			43.5	615

MECHANICAL CHARACTERISTICS

MicroDuct Type	No of MicroDucts	Duct Size (mm)	Max Short-Term Load (N)	Min Static Bend Radius (mm)	Min Short-Term Bend Radius (mm)
Direct-Burial DB	1	7.0/3.5	390N x No of MicroDucts	10 x Overall Diameter	20 x Overall Diameter
	2				
	4				
	7				
	12				
	19				
	1	12.0/8.0	840N x No of MicroDucts		
	2				
	4				
	7				
	1	14.0/10.0	1010N x No of MicroDucts		
	2				
4					
7					

TEMPERATURE PERFORMANCE

MicroDuct Type	Operational Temperature Range	Storage Temperature Range	Installation Temperature Range
Direct-Burial DB	-40°C to +70°C	-40°C to +70°C	-10°C to +50°C

PACKAGING INFO

Available on request

PART NUMBER CONFIGURATOR

MB - a - DB - bc

a = Number of MicroDucts*
e.g. "07" for 7-Way

b = Microduct Outer Diameter
e.g. "07" for 7.0mm

c = Microduct Inner Diameter
e.g. "35" for 3.5mm

Example part number: MB07DB0735

*"Leviton is **dedicated to designing, developing and manufacturing**
sustainable **high performance** structured cabling and specialty **cabling solutions**"*

The information contained in this document is valid and correct at the time of issue. Leviton reserves the right to modify details without notice in light of subsequent standard/specification changes and ongoing technical developments.